

NPIC/R-1416/63

August 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3680
31 JULY 1963

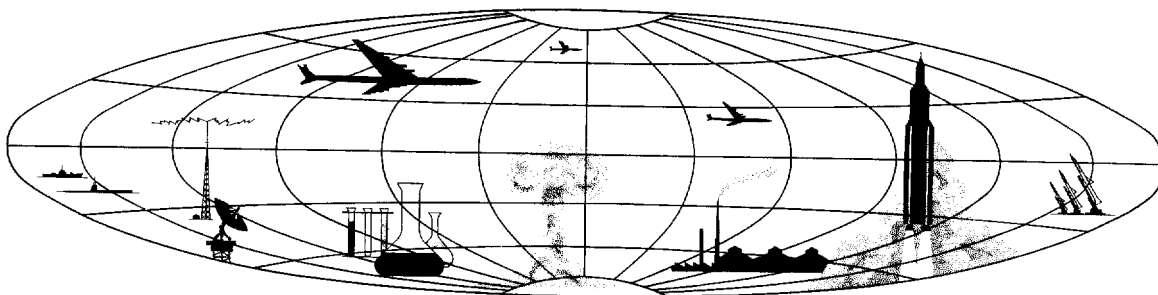


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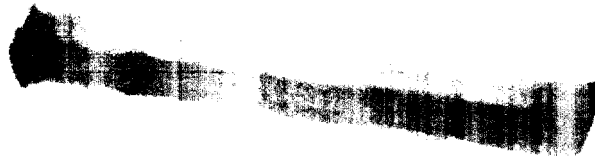
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GROUP 1
Excluded from automatic
downgrading and declassification



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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3680, DATED 31 JULY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

25X1A

SAN CRISTOBAL MRBM SITE 3 2242N 08308W

25X1D

NO ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

GUANAJAY IRBM SITE 1 2257N 08239W

25X1D

APPROXIMATELY 80 PERCENT OF THE UNIDENTIFIED MATERIAL IN THE SOUTHERN LAUNCH SITE HAS BEEN REMOVED. NO APPARENT CHANGE IN FACILITIES. TWO VEHICLES OBSERVED BY THE ARCHED-ROOF BUILDING.

SANTA LUCIA SAM SITE 2241N 08355W

25X1D

SITE ABANDONED.

SAN JULIAN AIRFIELD SAM SITE 2205N 08409W

SITE CONTAINS 6 REVETTED CANVAS-COVERED LAUNCHERS, 6 MISSILE TRANSPORTERS, 10 CANVAS-COVERED TRACKED PRIME MOVERS, 6 SETS OF BOGIE WHEELS, 2 TRUCK-MOUNTED CRANES, 4 CARGO TRUCKS, ONE UTILITY TRUCK, 9 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT (7 CANVAS-COVERED), AND A GUIDANCE REVETMENT WITH RADAR

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AND CANVAS-COVERED VANS.
PROBABLE TRAINING SITE - 6 UNREVIEWED LAUNCHERS, AT
LEAST 4 MISSILE TRANSPORTERS, AN UNREVIEWED GUIDANCE
AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT, 15
TRACKED PRIME MOVERS, AND 12 UNIDENTIFIED VEHICLES
OBSERVED.

25X1D



25X1A

MARIEL SAM SITE 2300N 0824W



SIX REVIEWED LAUNCHERS, 6 CANVAS-COVERED MISSILE
TRANSPORTERS AND REVIEWED GUIDANCE EQUIPMENT OBSERVED.

25X1D



25X1A

CIENFUEGOS SAM SITE 2202N 08024W



SIX LAUNCHERS ARE VISIBLE.
HAZE AND DARKNESS PRECLUDE FURTHER INTERPRETATION.

25X1D



SAGUA LA GRANDE SAM SITE 2251N 08005W

SIX REVIEWED CANVAS-COVERED LAUNCHERS AND AN OCCUPIED
GUIDANCE AREA OBSERVED.
DARKNESS PRECLUDES FURTHER INTERPRETATION.

25X1D



25X1A

SIGUANEIA SAM SITE 2137N 08257W



SIX LAUNCHERS (5 REVIEWED), 7 CANVAS-COVERED MISSILE
TRANSPORTERS, AND A CANVAS-COVERED GUIDANCE REVIEWMENT
WITH RADAR AND OTHER CANVAS-COVERED EQUIPMENT.
SCATTERED CLOUDS AND HAZE PRECLUDE FURTHER
INTERPRETATION.

25X1D



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25X1A

CHAMBAS SAM SITE 2213N 07853W

SITE CONTAINS 6 UNREVIEWED LAUNCHERS (3 WITH MISSILES), 7 MISSILE TRANSPORTERS, 8 CANVAS-COVERED PRIME MOVERS, AND AN OCCUPIED GUIDANCE AREA CONTAINING RADAR AND 6 VANS.

25X1D

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N 08221W

NO APPARENT CHANGE SINCE MISSION

25X1D

25X1D

PINAR DEL RIO SAM ASSEMBLY AREA 2221N 08339W

TWENTY MISSILE TRANSPORTERS, 6 FLATBED TRAILERS, ONE TRUCK-MOUNTED CRANE, 21 PRIME MOVERS, ONE CARGO TRUCK, AND 3 UNIDENTIFIED VEHICLES OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D

MANAGUA SAM SITE 2259N 08215W

AT LEAST 4 REVIEWED CANVAS-COVERED LAUNCHERS, 2 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED. OBLIQUITY PRECLUDES OTHER DETAILS.

25X1D

MAJANA SAM SITE 2241N 08249W

SITE CONTAINS 6 CANVAS-COVERED UNREVIEWED LAUNCHERS, 4 UNIDENTIFIED VEHICLES, ONE LARGE TENT, A CANVAS-COVERED HOLD POSITION, AND AN UNREVIEWED GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT.

25X1D

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25X1A

SIGUANEA CRUISE-MISSILE SITE 2137N 08258W

TWO REVETTED CANVAS-COVERED LAUNCHERS, 6 CRUISE-MISSILE CRATES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED IN CLOUD-FREE AREA.

25X1D

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

NO APPARENT CHANGE SINCE MISSION

25X1D

25X1D

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 11 FAGOT/FRESCO.

25X1D

SIGUANEA AIRFIELD 2138N 08257W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREA.

25X1D

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

AIRCRAFT -- 34 FISHBED, 6 FARMER (ONE WITHOUT TAIL ASSEMBLY), 21 FAGOT/FRESCO AND NUMEROUS DERELICTS.

25X1D

SAN JULIAN AIRFIELD 2206N 08409W

NO AIRCRAFT OBSERVED.

25X1D

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25X1A

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- ONE CLEAT, 3 CONSTELLATION, 3 C-54, 4 C-46, 6 CRATE, ONE COOT, 1 BRITANNIA, ONE LODESTAR AND NUMEROUS DERELICTS.

25X1D

25X1A

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- ONE FAGOT/FRESCO, 3 C-47, ONE CRATE, ONE PBV, 5 COLT, AND 38 LIAISON.
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

PLAYA BARACOA AIRFIELD 2302N 08235W

AIRCRAFT -- 35 HOUND, ONE HARE, 2 BELL HELICOPTERS, ONE CRATE, AND ONE C-47 OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

COLONEL MARTIN MARRERRO AIRFIELD 2150N 08247W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREA.

25X1D

JAIME GONZALES AIRFIELD 2209N 08025W

AIRCRAFT -- ONE HOUND.

25X1D

PINAR DEL RIO AIRFIELD 2225N 08341W

AIRCRAFT -- ONE LIAISON.

25X1D

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25X1A

TRINIDAD AIRFIELD 2147N 07959W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

-PORTS-

MARIEL PORT AND NAVAL AIR STATION 2301N 08245W

25X1D

VESSELS -- ONE PF [REDACTED], ONE PROBABLE PF, AND 2 LARGE FREIGHTERS. THE FREIGHTERS ARE AT MARIEL CITY PIER. NO APPARENT CHANGE IN FACILITIES AT THE NAVAL AIR STATION. APPROXIMATELY 13 OF THE UNIDENTIFIED CRATES REMAIN ON THE PARKING APRON. APPROXIMATELY 20 VEHICLES OBSERVED. OBLIQUITY LIMITS INTERPRETATION.

25X1D

CABANAS, NAVAL FACILITY 2258N 08258W

VESSELS -- 12 KOMAR-CLASS PGMG, 6 P-4 MTB, AND 2 PT. OBLIQUITY AND HAZE PRECLUDE OTHER DETAILS.

25X1D

PUNTA ALEGRE PORT 2223N 07847W

NO LARGE VESSELS, MILITARY ACTIVITY OR EQUIPMENT OBSERVED.

25X1D

CIENFUEGOS PORT 2209N 08027W

VESSELS -- ONE KRONSTADT-CLASS PC, 4 PT (ONE ON MARINE RAILWAY) AND 4 LARGE FREIGHTERS (ONE ANCHORED IN BAY).

25X1D

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25X1D

[REDACTED]

25X1A

NUEVA GERONA PORT 2153N 08248W

NO LARGE VESSELS, MILITARY EQUIPMENT OR ACTIVITY
OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

LA ISABELA PORT 2256N 08001W

VESSELS -- 3 LARGE FREIGHTERS.
DARKNESS PRECLUDES FURTHER INTERPRETATION.

25X1D

[REDACTED]

CAIBARIEN PORT 2232N 07928W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREA.

25X1D

[REDACTED]

CARDENAS PORT 2302N 08112W

NO LARGE VESSELS OBSERVED.

25X1D

[REDACTED]

SANTA LUCIA PORT 2240N 08358W

NO LARGE VESSELS OBSERVED.

25X1D

[REDACTED]

MATANZAS PORT 2303N 08134W

VESSELS -- 4 LARGE VESSELS (POSSIBLY FREIGHTERS).
OBLIQUITY PRECLUDES FURTHER DETAIL.

25X1D

[REDACTED]

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25X1A

HAVANA PORT 2308N 08221W

VESSELS -- 2 PF, 2 PT, ONE POSSIBLE KRONSTADT-CLASS
PC, 28 LARGE FREIGHTERS (ONE WITH DECK CARGO AND ONE
IN DRYDOCK), 6 COASTAL FREIGHTERS, 2 COASTAL TANKERS,
7 TRAWLERS, AND ONE UNIDENTIFIED SHIP.

25X1D

CABANAS PORT 2259N 08256W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

BAHIA HONDA PORT 2255N 08311W

NO LARGE VESSELS OR MILITARY ACTIVITY OBSERVED.

25X1D

-MILITARY ACTIVITY-

PINAR DEL RIO, MILITARY CAMP 2223N 08342W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 64 VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D

LA FLORA AREA, MILITARY STORAGE 2252N 08233W

NO APPARENT CHANGE IN FACILITIES.
APPROXIMATELY 75 VEHICLES OBSERVED.

25X1D

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25X1A

ARTEMISA, MILITARY CAMP 2251N 08248W 25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D [REDACTED]

LA BOCA, MILITARY CAMP 2301N 08242W

NO APPARENT CHANGE IN FACILITIES.
TWENTY VEHICLES OBSERVED.

25X1D [REDACTED]

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D [REDACTED]

25X1D

TORRENS, MILITARY COMPLEX 2259N 08228W 25X1D

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D [REDACTED]

SANTA CLARA AREA, MILITARY ACTIVITY 2221N 07957W

NO APPARENT CHANGE IN FACILITIES.
FOURTEEN TANKS/SP GUNS OBSERVED.

25X1D [REDACTED]

MADRUGA, POL STORAGE 2256N 08149W

NO APPARENT CHANGE IN FACILITIES.
APPROXIMATELY 65 VEHICLES OBSERVED.

25X1D [REDACTED]

MANAGUA, MILITARY CAMP 2258N 08217W

NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D

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25X1D

[REDACTED]

25X1A

SANTA FE AREA, MILITARY ACTIVITY 2143N 08249W

NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

CAYO LARGO 2138N 08129W

NO AIRCRAFT OBSERVED.
NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

NAZARENO, MILITARY AREA 2258N 08214W

AT LEAST 11 TANKS/SP GUNS AND 7 OTHER VEHICLES
OBSERVED.

25X1D

[REDACTED]

GUANE, MILITARY CAMP 2212N 08408W

EIGHT TANKS/SP GUNS OBSERVED.
FOLIAGE PRECLUDES FURTHER INTERPRETATION.

25X1D

[REDACTED]

SAN JOSE DE LAS LAJAS AREA, PROB AMMO STGE 2257N 08211W

NO APPARENT CHANGE IN FACILITIES.
THE UNIDENTIFIED MATERIAL REMAINS.

25X1D

[REDACTED]

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25X1A

LA JUTIA AREA, MILITARY INSTALLATION 2155N 08016W

NO APPARENT CHANGE IN FACILITIES.
FOUR CARGO TRUCKS OBSERVED.

25X1D

LOMAS TETAS DE MANAGUA, TANK PARK 2258N 08219W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-FOUR TANKS/SP GUNS, 10 CARGO TRUCKS, AND 9
OTHER VEHICLES OBSERVED.

25X1D

GUANAJAY MILITARY CAMP MARTIN MESA 2257N 08243W

AT LEAST 17 TANKS/SP GUNS AND AT LEAST 40 OTHER
VEHICLES OBSERVED.
HAZE AND OBLIQUITY PRECLUDE OTHER DETAIL.

25X1D

SAN DIEGO DE NUNEZ, MILITARY CAMP 2255N 08305W

FOURTEEN PROBABLE TANKS/SP GUNS AND 14 OTHER VEHICLES
OBSERVED.

25X1D

ANTON RECIO, MILITARY INSTALLATION 2211N 08036W

NO APPARENT CHANGE IN FACILITIES.
HAZE AND DARKNESS PRECLUDE FURTHER INTERPRETATION.

25X1D

GUAYABAL MILITARY AREA 2254N 08237W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-THREE PROBABLE FA PIECES AND 31 VEHICLES
OBSERVED.

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25X1D



25X1A

SANTA CLARA AREA, ARTILLERY TRAINING AREA 2224N 08000W

AREA 1 -- NO APPARENT CHANGE IN FACILITIES. SIX
CARGO TRUCKS AND 4 PROBABLE FA PIECES OBSERVED.
AREA 2 -- NO APPARENT CHANGE IN FACILITIES. THE
6-GUN AAA SITE IS OCCUPIED.
AREA 3 -- NO APPARENT CHANGE IN FACILITIES. NO
VEHICLES OBSERVED.
AREA 4 -- IDENTIFICATION ONLY.
AREA 5 -- NO APPARENT CHANGE IN FACILITIES.
EIGHTEEN TANKS/SP GUNS AND AT LEAST 4 CARGO TRUCKS
OBSERVED.
HAZE AND DARKNESS PRECLUDE OTHER DETAIL.



25X1D



PLAYA COLOMBO LANDING BEACH 2154N 08246W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



25X1A

PLAYA DE FLAMENCOS LANDING BEACH 2153N 08243W

NO NEW MILITARY ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D



-MISCELLANEOUS ACTIVITY-

25X1A

MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W

NO APPARENT CHANGE IN FACILITIES.
NO VEHICLES OBSERVED.

25X1D



BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W

NO APPARENT CHANGE IN FACILITIES.
ONE VEHICLE OBSERVED ON WEST LOOP ROAD. TEN VAN AND
12 CARGO TRUCKS, AND 12 UNIDENTIFIED VEHICLES OBSERVED



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IN HEADQUARTERS AREA.

25X1D

25X1A

LA ROSITA AREA, STORAGE INSTALLATION 2208N 08004W

NO APPARENT CHANGE IN FACILITIES.
NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED IN CLOUD-
FREE AREAS.

25X1D

SANTA CLARA AREA, MILITARY INSTALLATION 2224N 07953W

NO APPARENT CHANGE IN FACILITIES.
FOUR VAN TRUCKS OBSERVED.

25X1D

25X1D

25X1A

-STATUS OF OTHER TARGETS-

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THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE
SINCE LAST COVERAGE--

25X1A

SAN CRISTOBAL MRBM SITE 1
GUANAJAY IRBM SITE 2
SURGIDERO DE BATABANO PORT
LA COLOMA PORT
HAVANA, AMMUNITION STORAGE AREA
MESTANZA, EXPLOSIVES STORAGE SITE
SPECIAL AREA ALPHA
SPECIAL AREA HOTEL
SPECIAL AREA BRAVO BLUE
SPECIAL AREA BRAVO RED
SPECIAL AREA VICTOR
SPECIAL AREA TANGO
CIENFUEGOS LANDING BEACH
ENSENADA COLORADO LANDING BEACH

25X1D

2240N 08317W
2257N 08236W
2241N 08218W
2214N 08334W
2301N 08226W
2228N 08347W
2258N 08227W
2301N 08246W
2250N 08233W
2254N 08231W
2300N 08234W
2258N 08244W
2202N 08036W
2202N 08025W

25X1D

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT
NOT INTERPRETED --

25X1A

SAGUA LA GRANDE MRBM SITE 1
SAGUA LA GRANDE MRBM SITE 2
REMEDIOS IRBM SITE
SAN CRISTOBAL MRBM SITE 4
TAPASTE AREA, STORAGE SITES
CORONEL PASCUAL AIRFIELD
LA COLOMA SAM SITE
MATANZAS SAM SITE
CAIBARIEN SAM SITE
DELEITE SAM SITE
CIFUENTES SAM ASSEMBLY AREA
SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE
CASILDA PORT
HAVANA AREA, COMMUNICATIONS CENTER
BAHIA HONDA, MILITARY CAMP
CABANAS AREA, MILITARY CAMP
REMEDIOS AREA, MILITARY CAMP
MINAS, AMMUNITION STORAGE AREA
SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP
LIMONAR AREA, MILITARY CAMP
BAJURAYABO AREA MILITARY CAMP
GUANABACOA, MILITARY AREA
LOMA DE TIERRA, MILITARY CAMP
HAVANA AREA, MILITARY CAMP
ZARAGOZA AREA, MILITARY CAMP
EL CRIOLLO, MILITARY CAMP

2243N 08001W
2239N 07951W
2225N 07935W
2246N 08258W
2303N 08207W
2307N 08117W
2218N 08332W
2301N 08129W
2228N 07929W
2259N 08045W
2236N 08005W
2309N 08156W
2145N 07959W
2300N 08226W
2258N 08311W
2256N 08251W
2227N 07934W
2307N 08211W
2255N 08210W
2256N 08124W
2308N 08210W
2307N 08215W
2301N 08213W
2300N 08218W
2256N 08204W
2259N 08225W

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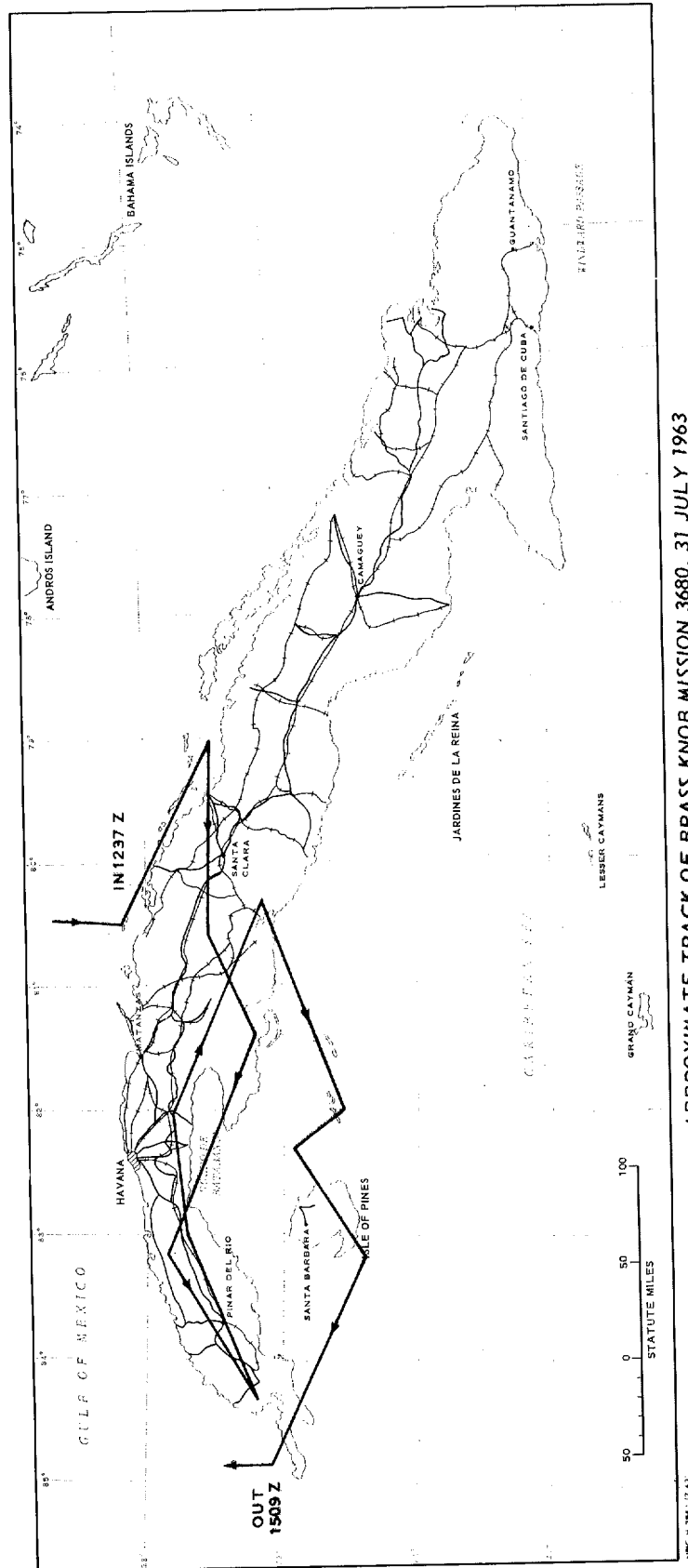
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MINAS AREA, MILITARY CAMP	2306N 08211W
CANTEL, MILITARY CAMP	2302N 08119W
HAVANA VEHICLE PARK	2309N 08215W
TRINIDAD AREA, POSS MIL HEADQUARTERS	2150N 07953W
GUANABANA, MILITARY AREA	2258N 08132W
LIMONAR, TANK TRAINING AREA	2254N 08122W
GUANABANA AREA, MILITARY CAMP	2258N 08134W
CEIBA MOCHA, MILITARY AREA	2257N 08143W
CONSOLACION DEL SUR, MILITARY AREA	2230N 08331W
MARTI AREA, ARMOR TRAINING AREA	2258N 08059W
TARARA LANDING BEACH	2310N 08212W
MATANZAS LANDING BEACH	2301N 08126W
VARADERO LANDING BEACH	2308N 08118W
SAN FRANCISCO DE PAULA, MUNITIONS STORAGE SITE	2303N 08218W

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3680, 31 JULY 1963

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